EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L26	9	(boiler) same (burner with (protrud$3 with side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/18 07:31
L27	25	(boiler) and ((side with (combust$3 near5 chamber)) with protrud$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/18 07:34
S1	1	10/586189	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/17 08:54
S2	6	((gas near2 control$3) near4 valve) same case same piston same spring same (heat exchanger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:07
S3	3112	((vapor with actuat$3) with valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:08
S4	572	((vapor with actuat$3) with valve) and (gas near5 control $3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:08
S5	115	((vapor near4 actuat$3) with valve) and (gas near5 control$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:08
S6	10	((water near6 vapor$7) with (increas$3 near6 temperature)) with (clos$3 near4 valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:16
S7	732	((water near4 contain$3) with (bottom near5 valve))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:18

S8	6	((water near4 contain$3) with (bottom near5 valve)) same (gas near4 control$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:19
S9	19	((water near4 contain$3) with (bottom near5 valve)) and (vapor near4 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:19
S10	24	(valve) with (internal near8 (water near5 vapor$7)) with (clos$3 or open)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:21
S11	38	((gas near2 control$3) near4 valve) same ((open$3 or clos$3) with (vapor$7 with (increas$3 or decreas $3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:27
S12	3575	(valve) same ((open$3 or clos$3) with (vapor$7 with (increas$3 or decreas$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:28
S13	200	(valve) same ((open$3 or clos$3) with (vapor$7 with (increas$3 or decreas$3))) same (gas near5 control$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:28
S14	217	(valve) same ((open$3 or clos$3) with (vapor$7 with (increas$3 or decreas$3))) same (gas near5 control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:29
S15	7	((gas near2 control$4) near4 valve) same case same piston same spring same (heat exchanger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:29
S16	5	((gas near2 control$4) near4 valve) same3 ((heat near4 (plate or exchang$3)) with (increas$3 near5 vapor $7)) and @pd< ="20040114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:29
S17	199	((gas near2 control$4) near4 valve) same (vapor same actuat$3) and @pd< ="20040114"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/17 11:30

S18	885	valve same ((internal or inner) with (vapor near3 pressure)) same (open$3 or clos$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:39
S19	143	valve same ((internal or inner) with (vapor near3 pressure)) same (open$3 or clos$3) and (gas near4 control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:40
S20	115	(gas near4 valve) same ((internal or inner) with (vapor near3 pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:44
S21	29	(gas near4 valve) with ((internal or inner) with (vapor near3 pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:44
S22	19	(gas near4 valve) with ((internal) with (vapor near3 pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:44
S23	0	(reservoir) same (boiler) same (heat exchanger) same (circulat$3 near4 pipe) and ((warm near4 water) with domestic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:58
S24	2	(reservoir) same (boiler) same (heat exchanger) and ((warm near4 water) with domestic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:58
S26	36	((reservoir) same (boiler) same (heat exchanger)) and ((gas near4 control$3) with valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 11:59
S27	5584	((warm near4 water) with circulat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 12:01
S28	15	((warm near4 water) with circulat$3) and (reservoir with stor$3) and (heat near4 exchang$3) and (boiler with heat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 12:03

S29	20	automatic$4 near5 ((warm near4 water) with circulat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 12:07
S30	51	automatic$4 with ((warm near4 water) near5 circulat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 12:07
S31	57	((warm near4 water) near5 circulator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 12:08
S32	1	("2784913").URPN.	USPAT	ADJ	ON	2010/02/17 12:31
S33	0	valve same ((heat near3 exchanger) with casing) with (increas$ near5 (vapor near4 pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 12:39
S34	11	(heat near4 exchang$3) with (increas$3 near4 (vapor pressure)) with valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 12:40
S35	961	(237/2R).ccls. and @pd<="20040114"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/17 12:43
S36	275	(237/8a).ccls. and @pd<="20040114"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/17 12:44
S37	219	((gas near2 control$3) near4 valve) and ((internal or inner) near4 (heat exchanger))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 12:47
S38	29	((gas near2 control$3) near4 valve) same ((internal or inner) near4 (heat exchanger))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 12:48
S39	8040	((gas near2 control$3) near4 valve).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 13:11
S40	191	(((gas near2 control$3) near4 valve) and vapor$7).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/17 13:12

S41	368	((gas near2 control$3) near4 valve).ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/17 13:18
S42	262	(236/92a).ccls. and @pd<="20040114"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/22 10:30
S43	696	(reservoir) same (boiler) same (heat exchanger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/22 11:15
S44	193	((warm near4 water) with circulat$3) and (gas near4 valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/22 11:22
S45	17	(reservoir) same (boiler with combust$3) same (heat near4 exchang$3) and (gas near3 valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/22 11:30
S46	2510	hot water heating system	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/22 11:32
S47	157	(hot water heating system) and (boiler with combust$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/22 11:32
S48	5	("5839655").URPN.	USPAT	ADJ	ON	2010/02/22 11:36
S49	852	(236/1e).ccls. and @pd<="20040114"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/22 11:39
S50	383	(236/1b).ccls. and @pd<="20040114"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/22 11:39
S51	899	(251/324).ccls. and @pd<="20040114"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/23 06:51
S52	50	(boiler) and ((combust$3 near3 chamber) same (nozzle with (eject$3 or inject$3))) same4 (pilot with ignit$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/02/23 07:10
S53	4	(boiler) and ((water near4 reservoir) same ((contract with expand) with pressure))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/23 07:15
S54	1	"3756083".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/23 07:53

S55	27	(valve same (piston with (contact$3 near5 liquid))) same vapor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/17 13:04
S56	1178	(237/8r).ccls. and @pd<="20040114"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/17 13:50
S57	1067	(heat near4 exchang$3) same ((install$5 or in) with (valve near5 (hous$3 or cas $3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/17 14:17
S58	10	(rho, young?gyu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/17 15:32
S59	78191	(block near5 valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/17 15:38
S60	4152	(block near5 valve).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/17 15:38
S61	160	(block near5 valve).ti. and (gas with control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/17 15:39

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